September 23, 2015

(b) (6)
Location Code: GKMTW109
(b) (6), (b) (9)
Durango, CO 81303

Re: Groundwater Well Sampling Results

Dear (b) (6):

Due to an administrative error the test results for your well water were transmitted with the incorrect map. We apologize for this error and are resending your results with the correct map. Please use this results package instead of the previously package.

Thank you for participating in the private water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the San Juan Basin Health Department (SJBHD).

This letter provides the results for the water sample(s) collected from your groundwater well on 8/12/2015 (Sample ID = GKMTW108_081215). The water was submitted to, and analyzed by a private certified laboratory for total metals. The analysis included metals that could be present in water from the Gold King Mine release.

The test results for your well water were compared to the National Drinking Water Standards, otherwise known as the Maximum Contaminant Levels (MCLs). The results of the analysis are provided in the enclosed table. Though these standards do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the results with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

EPA has also established National Secondary Drinking Water Regulations that set non-mandatory water quality standards for 15 contaminants. EPA does not enforce these "secondary maximum contaminant levels". They are established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. These contaminants are not considered to present a risk to human health at the secondary maximum contaminant level.

The concentration of iron in your well water was above the secondary maximum contaminant level for iron which is 300 µg/L. Iron is an essential element for human nutrition; however, high iron can cause constipation and other gastrointestinal effects. In addition, high iron may stain household fixtures and impart a metallic taste and red color to the water.

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at https://erams.com/wqtool/.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to discuss your sample results with an EPA representative, please contact Dr. Deborah McKean at (303) 579-4371.

Enclosure

CC:
Colorado Department of Public Health and Environment
San Juan Basin Health Department
San Juan County Public Health

September 12, 2015

(b) (6)
Location Code: GKMTW109
(b) (6), (b) (9)
Durango, CO 81303

Re: Groundwater Well Sampling Results

Dear (b) (6):

Thank you for participating in the private water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the San Juan Basin Health Department (SJBHD).

This letter provides the results for the water sample(s) collected from your private water well. The water sample(s) were submitted to, and analyzed by, a private certified laboratory for the metals that could have been present in water from the Gold King Mine release.

The test results for your well water were compared to the National Drinking Water Standards, otherwise known as the Maximum Contaminant Levels (MCLs). The results of the analysis are provided in the enclosed table. Though these standards do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the results with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

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Resent 9/24/15 w/ Correct map

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to discuss your sample results with an EPA representative, please contact Deb McKean at (303) 579-4371.

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San Juan Basin Health Department
San Juan County Public Health

Analyte	Station ID Sample ID Sample Date Sample Time Latitude Longitude				GKMTW109 GKMTW109_081215 8/12/2015 10:45 (b) (6), (b) (9) [redacted]
	CAS No	Units	Colorado Water Standard	Ground Water MCL	
Metals, Total					
Aluminum	7429-90-5	ug/L	5000		24 U
Antimony	7440-36-0	ug/L	6	6	0.4 U
Arsenic	7440-38-2	ug/L	10	10	0.58 J
Barium	7440-39-3	ug/L	2000	2000	67
Beryllium	7440-41-7	ug/L	4	4	0.15 U
Cadmium	7440-43-9	ug/L	5	5	0.043 U
Calcium	7440-70-2	ug/L			56000
Chromium	7440-47-3	ug/L		100	1 U
Cobalt	7440-48-4	ug/L	50		0.16 J
Copper	7440-50-8	ug/L	200	1300	160
Iron	7439-89-6	ug/L	300	300	2200
Lead	7439-92-1	ug/L	50	15	8.4
Magnesium	7439-95-4	ug/L			10000
Manganese	7439-96-5	ug/L	50	50	45
Mercury	7439-97-6	ug/L		2	0.08 U
Molybdenum	7439-98-7	ug/L			16
Nickel	7440-02-0	ug/L	100		1.4
Potassium	7440-09-7	ug/L			3700
Selenium	7782-49-2	ug/L	20	50	1.4 J
Silver	7440-22-4	ug/L	50	100	0.1 U
Sodium	7440-23-5	ug/L			110000
Thallium	7440-28-0	ug/L	2	2	0.1 U
Vanadium	7440-62-2	ug/L	100		0.3 U
Zinc	7440-66-6	ug/L	2000	5000	47

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

mg/kg - Parts per million (millligrams per kilogram). Liquids equivalent = mg/l.

ug/l - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value

September 12, 2015

(b) (6)
Location Code: GKMTW109
(b) (6), (b) (9)
Durango, CO

Re: Groundwater Well Sampling Results

Dear (b) (6)

Thank you for participating in the private water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the San Juan Basin Health Department (SJBHD).

This letter provides the results for the water sample(s) collected from your private water well. The water sample(s) were submitted to, and analyzed by, a private certified laboratory for the metals that could have been present in water from the Gold King Mine release.

The test results for your well water were compared to the National Drinking Water Standards, otherwise known as the Maximum Contaminant Levels (MCLs). The results of the analysis are provided in the enclosed table. Though these standards do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the results with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at https://erams.com/wqtool/.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to discuss your sample results with an EPA representative, please contact Deb McKean at (303) 579-4371.

Enclosure

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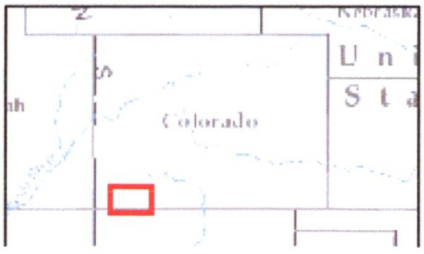
Colorado Department of Public Health and Environment
San Juan Basin Health Department
San Juan County Public Health

Water Sample ID: GKMTW109

(b) (6), (b) (9)

[redacted]



0 50 100 200 Feet

Well Location

Parcel Boundary

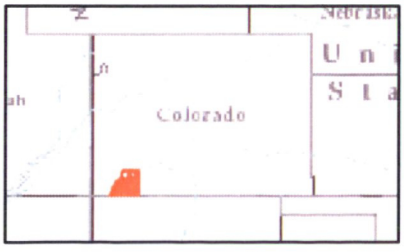
N

1:1,200

1 inch = 100 feet

Property ID: GKMTW109

(b) (6), (b) (9)



Feet
0 37.5 75 150

Potable Water Sample
Soil Sample
Sediment Sample
Surface Water Sample
Parcels

N

1:880
1 inch = 73 feet

Map Created: 9/23/2015 Document Path: C:\GOLD\Zac\Maps\20150923\Soil DD_Maps_20150923_1725.mxd

Water Sample ID: GKMTW109

(b) (6), (b) (9)

[redacted]

Feet
0 50 100 200

N

Well Location

Parcel Boundary

1:1,200

1 inch = 100 feet

Date and Time	Recorder	Affected party first name	Affected party last name	Affected party phone number	Affected party PHYSICAL address - street address	last 3	Affected party PHYSICAL Address - City	Affected party PHYSICAL address - Zip code	Assesor parcel number (APN)	DO NOT OFFER DRINKING WATER Wait until asked Do you need replacement drinking water?	May we collect a sample from your well?	Do you need replacement stock water?	Is your mailing address the same as your physical address?	Anything else we need to know? Especially access notes	EPA Property ID	GIS ID Number	Duplicate?	Status	Sample Date	Sample Time	isGeocoded	Origin	Called Looking for Results
8/9/2015 15:32:27	Julie Avers	(b) (6), (b) (9)					Durango	Co 81303	(b)	No	Yes	No	Yes	Neighbors rec'd Reverse 911 call insisted well testing is needed	GKMTW109	79	No	Sampled 8/12/15 by START	8/12/2015	10:45	Yes	County Call In Center	
##########	Drew Simmons						Durango	Co		No	Yes	No			GKMTW309	10	No	Sampled 8/12/15 by START	8/12/2015	12:52	Yes	County Call In Center	

Analyte		Location ID Sample ID Sample Date Sample time Latitude Longitude				GKMTW109 GKMTW109_081215 8/12/2015 10:45 (b) (6), (b) (9) [redacted]
Metals, Total		CAS NO	Units	Colorado Water Standard	EPA MCL	Sub Location Lab Result
Aluminum	A,B	7429-90-5	ug/L	5000	200	24 U
Antimony		7440-36-0	ug/L	6	6	0.4 U
Arsenic		7440-38-2	ug/L	10	10	0.58 J
Barium		7440-39-3	ug/L	2000	2000	67
Beryllium		7440-41-7	ug/L	4	4	0.15 U
Cadmium		7440-43-9	ug/L	5	5	0.043 U
Calcium		7440-70-2	ug/L			56000
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Copper	A	7440-50-8	ug/L	200	1300	160
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Lead	A	7439-92-1	ug/L	100	15	8.4
Magnesium		7439-95-4	ug/L			10000
Manganese	A,B	7439-96-5	ug/L	200	50	45
Mercury		7439-97-6	ug/L	2	2	0.08 U
Molybdenum		7439-98-7	ug/L			16
Nickel	A	7440-02-0	ug/L	200		1.4
Potassium		7440-09-7	ug/L			3700
Selenium		7782-49-2	ug/L	50	50	1.4 J
Silver	B	7440-22-4	ug/L		100	0.1 U
Sodium		7440-23-5	ug/L			110000
Thallium		7440-28-0	ug/L	2	2	0.1 U
Vanadium	A	7440-62-2	ug/L	100		0.3 U
Zinc	A,B	7440-66-6	ug/L	2000	5000	47

A- CDPHE Agricultural Standards (Jan. 2013)
B- EPA Secondary MCL (May 2009)
U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J- = The result is an estimated quantity, but the result may be biased low.
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UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
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ug/L - Parts per billion (micrograms per liter)

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